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Georgann S. Grunебach Reg. No. (Depositor's no.)
33,179 (Signal)
September 30, 2004 (D)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/644,224	08/21/2000	Donald C. D. Chang	PD-200085	9954

TITLE OF INVENTION: STRATOSPHERIC-BASED COMMUNICATION SYSTEM FOR MOBILE USERS HAVING ADAPTIVE INTERFERENCE REJECTION

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1330	\$0	\$1330	12/09/2004
EXAMINER	ART UNIT	CLASS-SUBCLASS			
TORRES, MARCOS L	2683	455-013200			

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

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1. Georgann S. Grunебach
2. John A. Crook III
3. _____

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

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THE DIRECTV GROUP, INC.

El Segundo, California USA

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a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27.

 b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

The Director of the USPTO is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above. NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party interest as shown by the records of the United States Patent and Trademark Office.

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Typed or printed name Georgann S. Grunebach

Date September 30, 2004

Registration No. 33,179

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From: Georgann S. Grunebach
Assistant General Counsel

Date: September 30, 2004

Fax: (310) 964-0941
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Georgann S. Grunebach September 30, 2004
Georgann S. Grunebach, Reg. No. 33,179 Date
(Name of Applicant, Assignee or Registered Representative) (Date of Facsimile Transmission)

Please find attached Re: Serial No.: 09/644,224

Filed: August 21, 2000

Inventor: Donald C.D. Chang, et al.

For: STRATOSPHERIC-BASED COMMUNICATION SYSTEM FOR MOBILE USERS HAVING ADAPTIVE INTERFERENCE REJECTION

Examiner: Marcos L. Torres (703) 305-1478 - Group Art Unit: 2683 - Confirmation No.: 9954

Attorney Docket No.: PD-200085

PTO Date of Mailing of Notice of Allowance and Fee(s) Due: September 9, 2004

Transmitted herewith, for the above-identified patent application, is the Issue Fee Transmittal Form (with authorization to charge the Issue Fee of \$1330.00 to Deposit Account No. 50-0383 of Hughes Electronics Corporation), in duplicate for charge purposes, via facsimile with certificate of facsimile transmission, pursuant to 37 CFR 1.8. Please charge the Issue Fee and any other required fee for this application and credit any overpayment to the Hughes Deposit Account No. 50-0383.

Georgann S. Grunebach
Georgann S. Grunebach, Registration No. 33,179

If you do not receive all pages, or pages are not clear, please call Karen Lum at (310) 964-0735.

Typed or printed name Georgann S. Grunebach

Registration No. 33,179

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